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October 1995 **interactions**, Volume 2 Issue 4

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2 [Pad: an alternative approach to the computer interface](#)

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September 1993 **SIGGRAPH '93**: Proceedings of the 20th annual conference techniques

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3 [Fast detection of communication patterns in distributed executions](#)

[Thomas Kunz](#), [Michiel F. H. Seuren](#)

November 1997 **CASCON '97**: Proceedings of the 1997 conference of the C Collaborative research

Publisher: IBM Press

Full text available: [Pdf](#) (4.21 MB)

Additional Information: [full citation](#), [abstr](#)

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Understanding distributed applications is a tedious and difficult task. Vis diagrams are often used to obtain a better understanding of the executi tool we use is Poet, an event ...

4 [Creating creativity: user interfaces for supporting innovation](#)

[Ben Shneiderman](#)

March 2000 **Transactions on Computer-Human Interaction (TOCHI)**

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf](#) (934.75 KB)

Additional Information: [full citation](#), [abstr](#)

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A challenge for human-computer interaction researchers and user interf technologies that support creativity. This ambitious goal can be attained

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understanding of creative processes. ...

Keywords: creativity support tools, direct manipulation, graphical user information visualization

5 [Effects of alternate representations of evidential relations on collabor](#)
[Daniel D. Suthers](#)

December 1999 **CSCL '99**: Proceedings of the 1999 conference on Compute

Publisher: International Society of the Learning Sciences

Full text available:  [Pdf](#) (130.99 KB) Additional Information: [full citation](#), [abstr](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 11, Downloa

Over the past decade or so, a number of software environments have b
in collaborative investigations in science (e.g., Belvedere, CoVis, CSILE,
environments have used a variety ...

Keywords: HCI, discourse analysis, representational tools

6 [Analysis of navigation behaviour in web sites integrating multiple infc](#)
[Bettina Berendt, Myra Spiliopoulou](#)

March 2000 **The VLDB Journal — The International Journal on Very I**

Publisher: Springer-Verlag New York, Inc.


Full text available:  [Pdf](#) (281.14 KB) Additional Information: [full citation](#), [abstr](#)

Bibliometrics: Downloads (6 Weeks): 37, Downloads (12 Months): 115, Downl

The analysis of web usage has mostly focused on sites composed of con
amounts of information available in the web come from databases or ot
the users in the form of dynamically ...


Keywords: Conceptual hierarchies, Data mining, Query capabilities, We
usage mining

7 [Finding refactorings via change metrics](#)

 [Serge Demeyer, Stéphane Ducasse, Oscar Nierstrasz](#)

October 2000 **OOPSLA '00**: Proceedings of the 15th ACM SIGPLAN confere
systems, languages, and applications

Publisher: ACM  [Request Permissions](#)

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Reverse engineering is the process of uncovering the design and the de
system. Reverse engineering is an integral part of any successful softwa
requirements lead to implementations ...

Keywords: metrics, object-oriented frameworks, refactoring, reverse e

Also published in:

October 2000 **SIGPLAN Notices** Volume 35 Issue 10

8 [On the effective use and reuse of HCI knowledge](#)

 [Alistair Sutcliffe](#)

June 2000 **Transactions on Computer-Human Interaction (TOCHI)**

Publisher: ACM  [Request Permissions](#)


Full text available:  [Pdf](#) (245.10 KB)

Additional Information: [full citation](#), [appears in](#), [index terms](#), [related work](#)

Bibliometrics: Downloads (6 Weeks): 33, Downloads (12 Months): 377, Downloads (All Time): 1,000


The article argues that new approaches for delivering HCI knowledge from the past into the new millennium. First the role of theory in HCI design to date is reviewed, then cognitive theories of interaction ...

9 [The reuse of uses in Smalltalk programming](#)

 [Mary Beth Rosson](#), [John M. Carroll](#)

September 1996 **Transactions on Computer-Human Interaction (TOCHI)**

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (1.02 MB)


Additional Information: [full citation](#), [abstract](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 77, Downloads (All Time): 1,000

Software reuse, a long-standing and refractory issue in software technology, is an advantage of the object-oriented programming paradigm. We report on our experience with programmers reusing user interface ...

Keywords: Smalltalk, debugging into existence, example-based learning, software reuse

10 [Constructing, organizing, and visualizing collections of topically related information](#)

 [Loren Terveen](#), [Will Hill](#), [Brian Amento](#)

March 1999 **Transactions on Computer-Human Interaction (TOCHI)**

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (303.62 KB)


Additional Information: [full citation](#), [abstract](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 62, Downloads (All Time): 1,000

For many purposes, the Web page is too small a unit of interaction and multimedia documents consisting of many pages, and users often are in entire collections of topically related ...


Keywords: cocitation analysis, collaborative filtering, computer supported groupware, visualization, social filtering, social network analysis

11 [Direct manipulation vs. interface agents](#)

 [Ben Shneiderman](#), [Pattie Maes](#)

November 1997 **interactions**, Volume 4 Issue 6


Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (4.00 MB)

Additional Information: [full citation](#), [references](#), [index terms](#)


Bibliometrics: Downloads (6 Weeks): 24, Downloads (12 Months): 417, Downloads (All Time): 1,000

12 [Taking the best from a company history - designing with interaction spaces](#)

 [Trond Arne Øritsland](#), [Jacob Buur](#)

August 2000 **DIS '00**: Proceedings of the 3rd conference on Designing interactive methods, and techniques

Publisher: ACM

Full text available:  [Pdf](#) (1.49 MB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 64, Downloads

In architecture and industrial design, the concept of style plays a major role in the historical inheritance and comparing alternative design expressions. This design can benefit greatly ...

Keywords: interaction design, interaction style, quality in use, solid usability


13 [Beneath the surface of organizational processes: a social representation of business process redesign](#)



[Gary Katzenstein](#), [F. Javier Lerch](#)

October 2000 **Transactions on Information Systems (TOIS)**, Volume 18 Issue 4

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (2.02 MB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 18, Downloads (12 Months): 172, Downloads

This paper raises the question, "What is an effective representation framework for business process redesign?" By combining our knowledge of existing process models with data from empirical studies, we propose a framework for an effective ...


Keywords: business process redesign, organizational change, process representation

14 [Feline: fast elliptical lines for anisotropic texture mapping](#)

[Joel McCormack](#), [Ronald Perry](#), [Keith L. Farkas](#), [Norman P. Jouppi](#)

July 1999 **SIGGRAPH '99**: Proceedings of the 26th annual conference on Computer graphics and techniques

Publisher: ACM Press/Addison-Wesley Publishing Co.  [Request Permissions](#)

Full text available:  [Pdf](#) (5.55 MB)

Additional Information: [full citation](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 56, Downloads

Keywords: anisotropic filtering, space-variant filtering, texture mapping


15 [Two methods for display of high contrast images](#)



[Jack Tumblin](#), [Jessica K. Hodgins](#), [Brian K. Guentler](#)

January 1999 **Transactions on Graphics (TOG)**, Volume 18 Issue 1

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (10.28 MB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 92, Downloads

High contrast images are common in night scenes and other scenes that are captured from video camera sources. These scenes are difficult to display because their contrasts greatly exceed the dynamic range of display devices for images. As a result, ...

Keywords: adaptation, tone reproduction, visual appearance

16 [A methodology for testing spreadsheets](#)

 [Gregg Rothermel](#), [Margaret Burnett](#), [Lixin Li](#), [Christopher Dupuis](#), [Andrei Sit](#)
January 2001 **Transactions on Software Engineering and Methodology**

Publisher: ACM  [Request Permissions](#)


Full text available:  [Pdf](#) (353.65 KB) Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 79, Downloads


Spreadsheet languages, which include commercial spreadsheets and have had a substantial impact on end-user computing. Research shows, however, that thus, we would like to provide at least some ...

Keywords: software testing, spreadsheets

17 [Social presence with video and application sharing](#)

 [Erin Bradner](#), [Gloria Mark](#)
September 2001 **GROUP '01: Proceedings of the 2001 International ACM SIGCHI Conference on Group Work**

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (209.91 KB) Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 114, Downloads

We present two experimental studies examining the effects of videoconferencing on performance. We studied performance on a cognitive reasoning task with video, one-way video and application sharing ...

Keywords: application sharing, distance collaboration, social affordances

18 [Specification and dialogue control of visual interaction through visual](#)

 [P. Bottoni](#), [M. F. Costabile](#), [P. Mussio](#)
November 1999 **Transactions on Programming Languages and Systems**

Publisher: ACM  [Request Permissions](#)


Full text available:  [Pdf](#) (886.71 KB) Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 53, Downloads

Computers are increasingly being seen not only as computing tools but also as placing special emphasis on human-computer interaction (HCI). In this paper, we discuss the messages exchanged between ...


Keywords: control automaton, dialogue control, visual languages

19 [Interactive visualization of serial periodic data](#)

 [John V. Carlis](#), [Joseph A. Konstan](#)
November 1998 **UIST '98: Proceedings of the 11th annual ACM symposium on User interface technology**

Publisher: ACM  [Request Permissions](#)

Full text available: Additional Information:


 [Pdf](#) (254.26 KB)

[full citation](#), [reference](#)


Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 103, Downloads

Keywords: data visualization, information visualization, interactive dat

20 [A multi-view intelligent editor for digital video libraries](#)

 [Brad A. Myers, Juan P. Casares, Scott Stevens, Laura Dabbish, Dan Yocum](#)
January 2001 **JCDL '01**: Proceedings of the 1st ACM/IEEE-CS joint conferer

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (7.73 MB)

Additional Information: [full citation](#), [abstract](#)




Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 54, Downloads

Silver is an authoring tool that aims to allow novice users to edit digital video as easy as text editing. Silver provides multiple coordinated subject, storyboard, ...

Keywords: digital video editing, informedia, multimedia authoring, silver

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